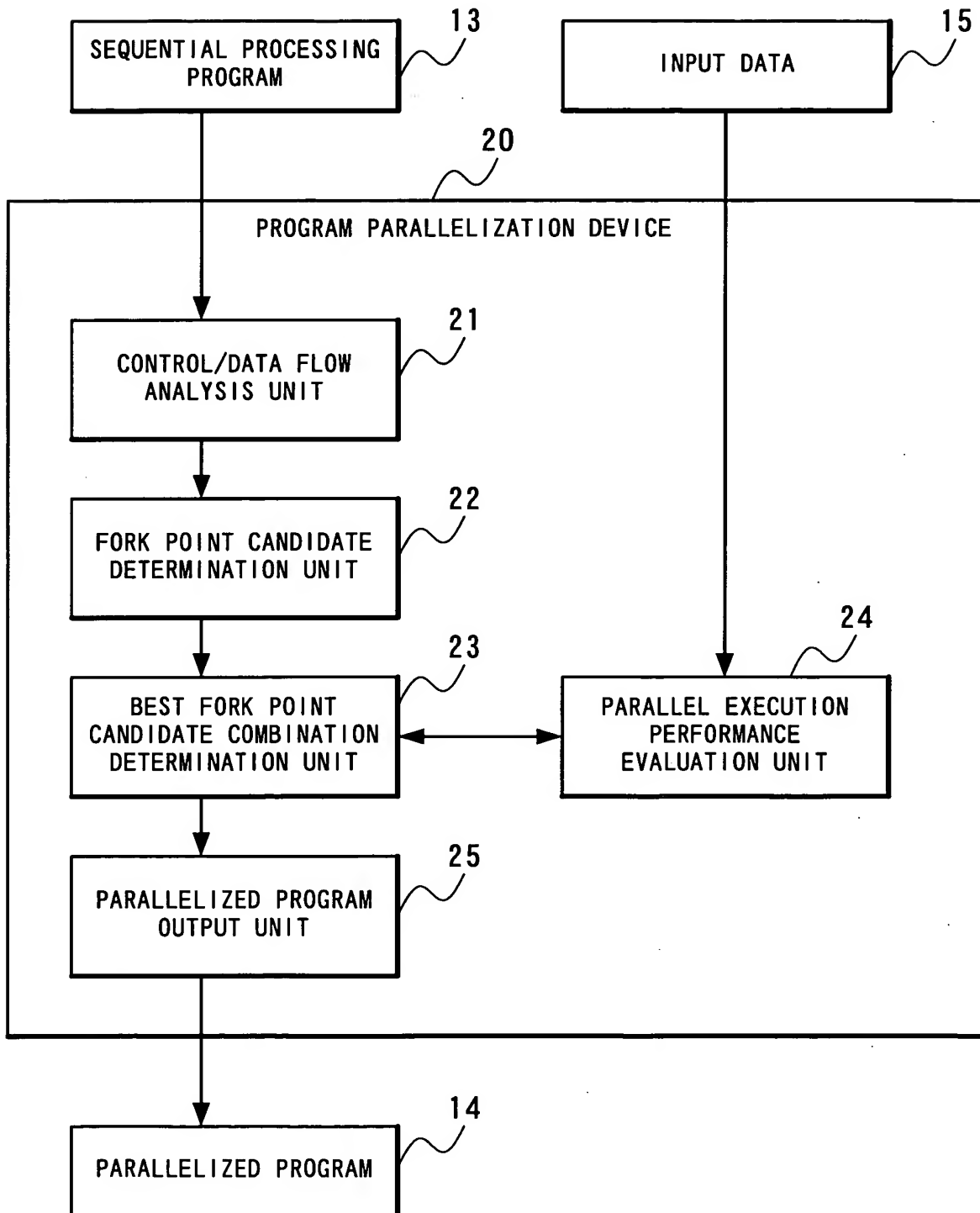
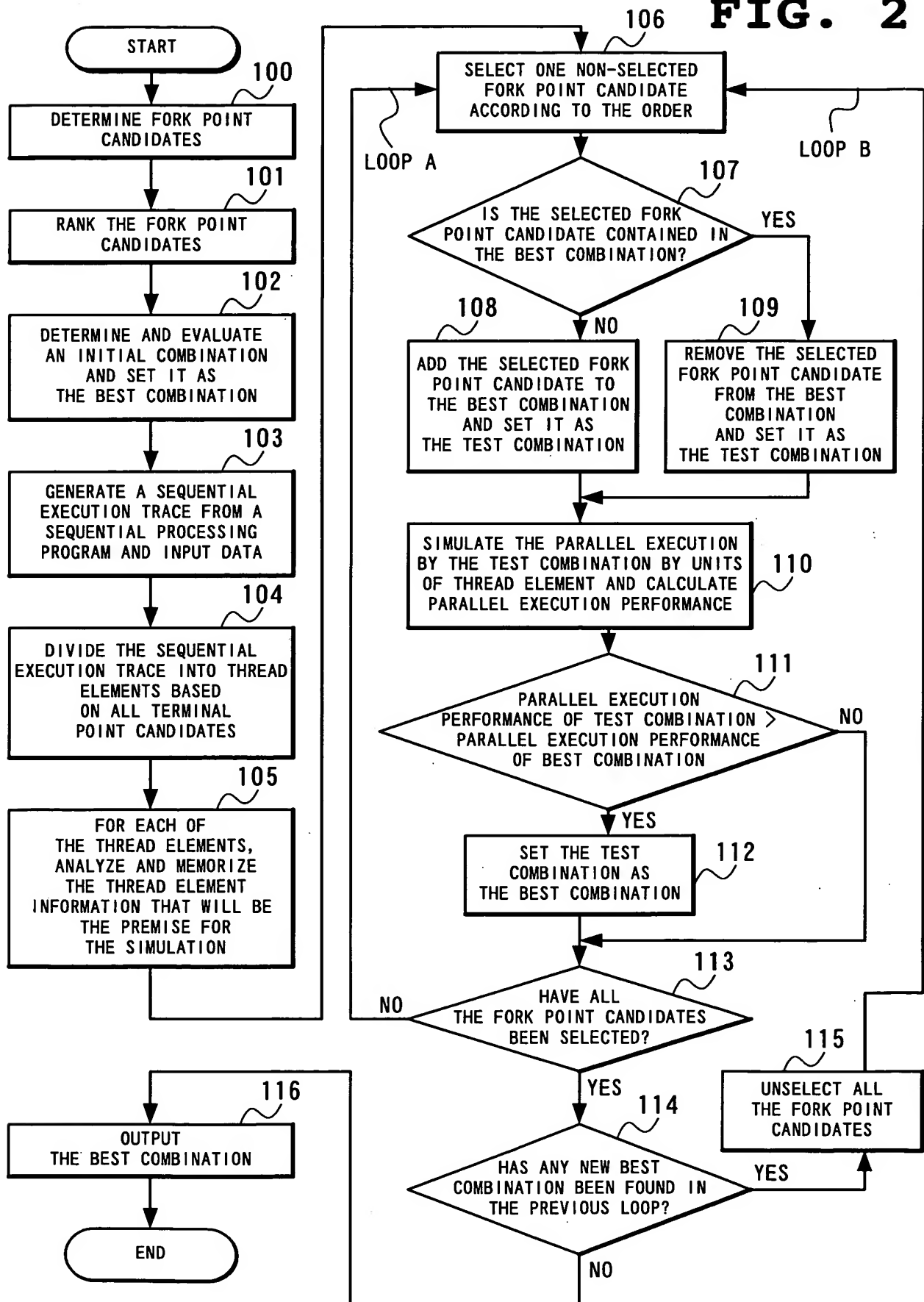


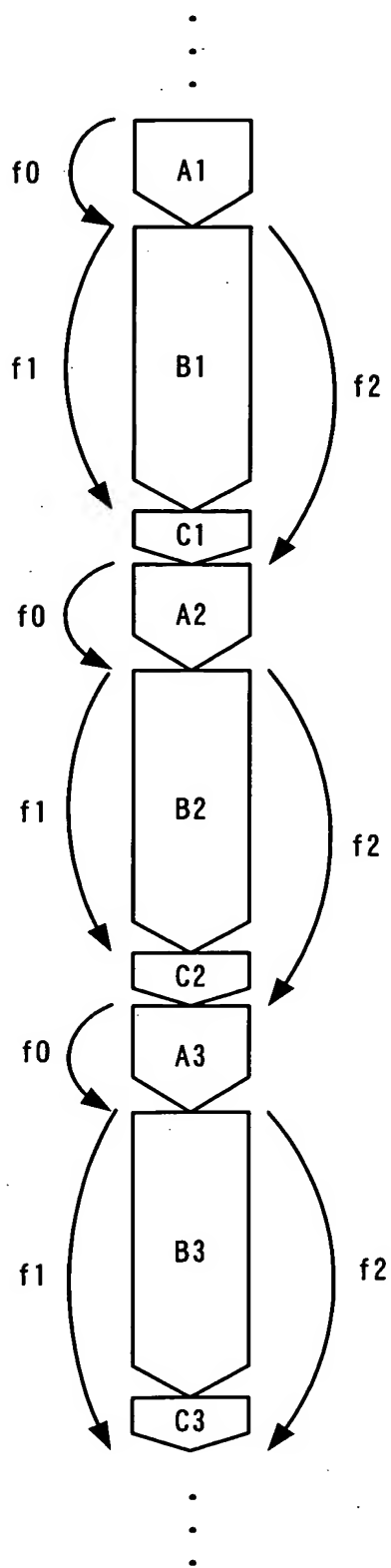
**FIG. 1**



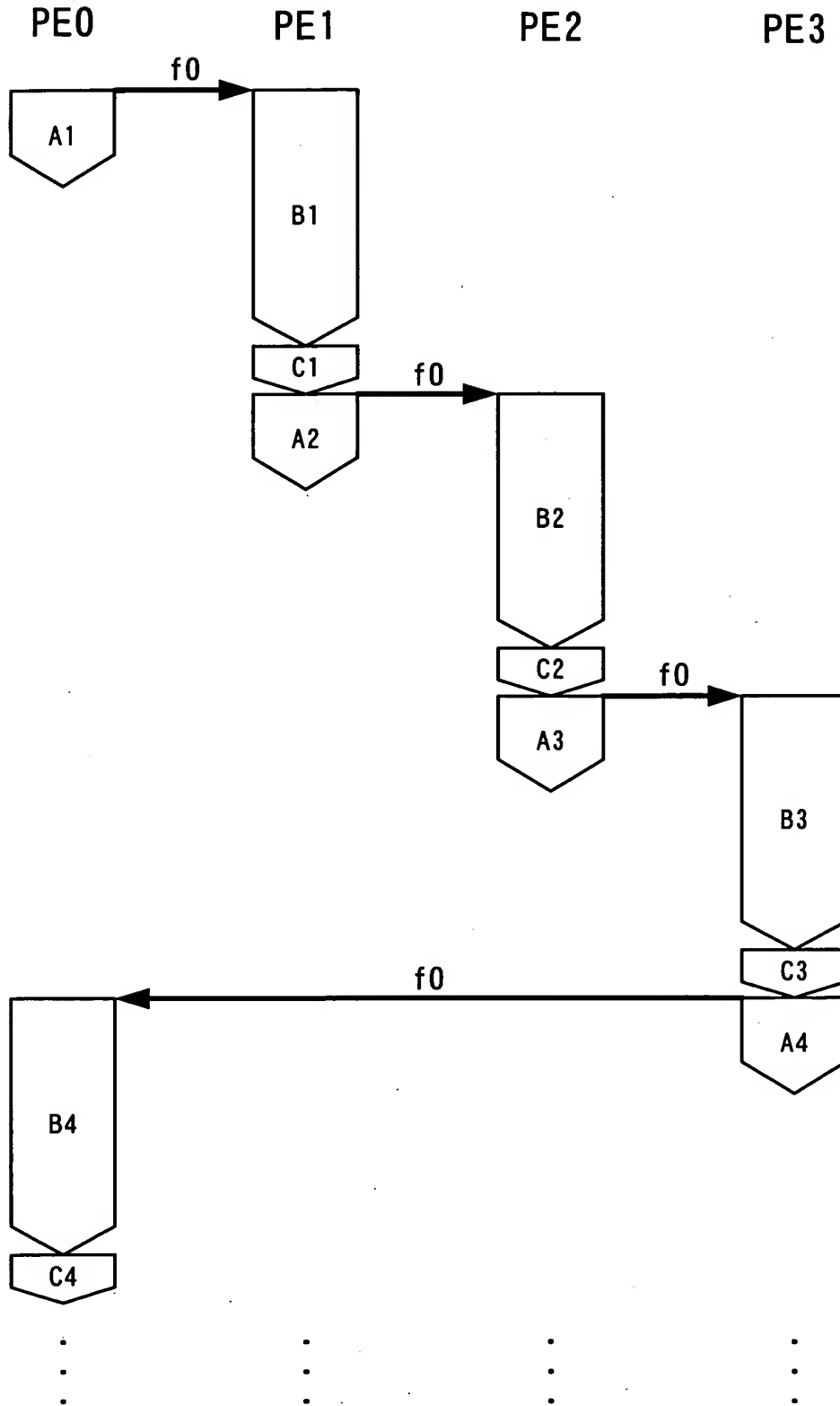
**FIG. 2**



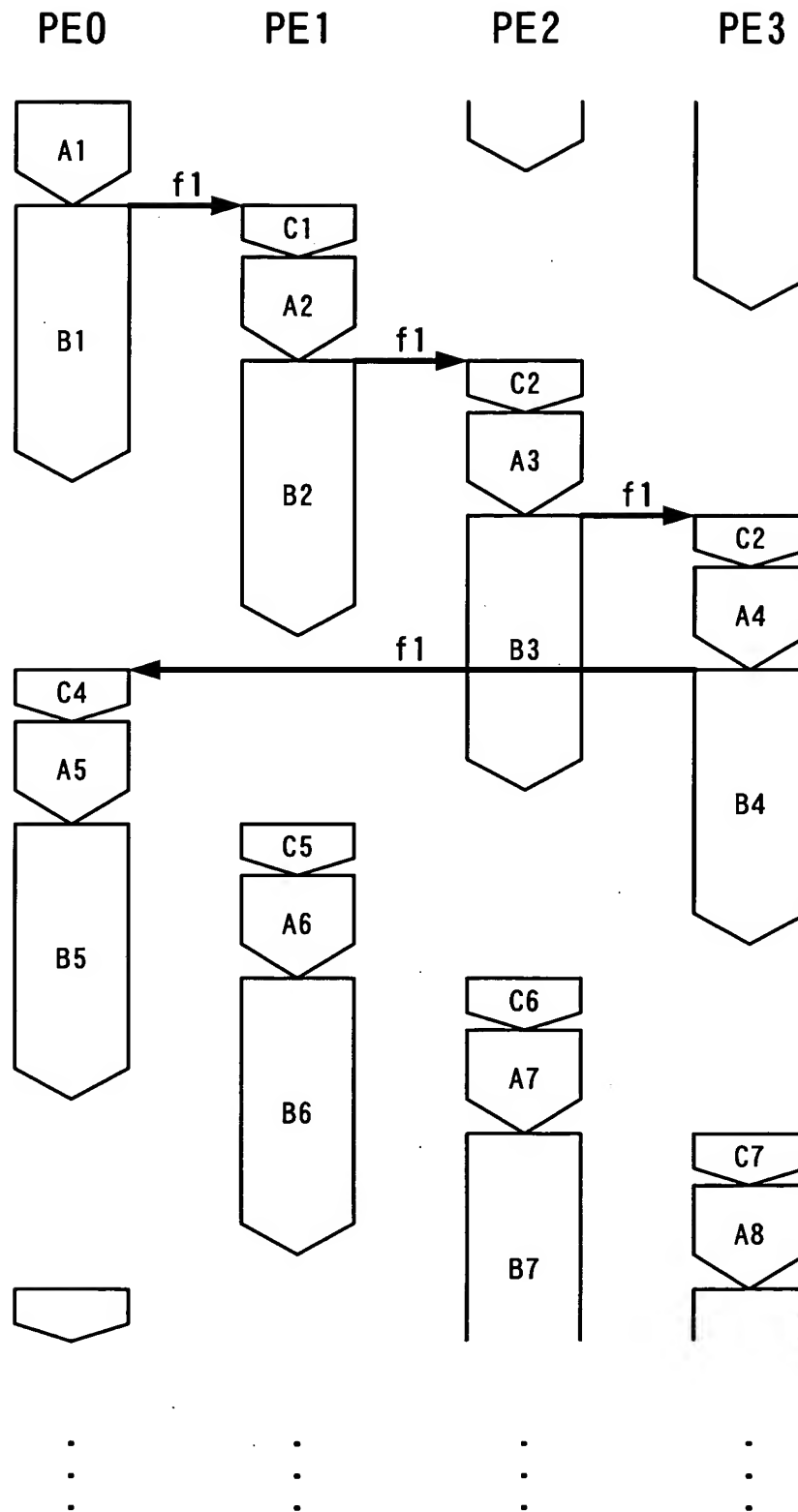
**FIG. 3**



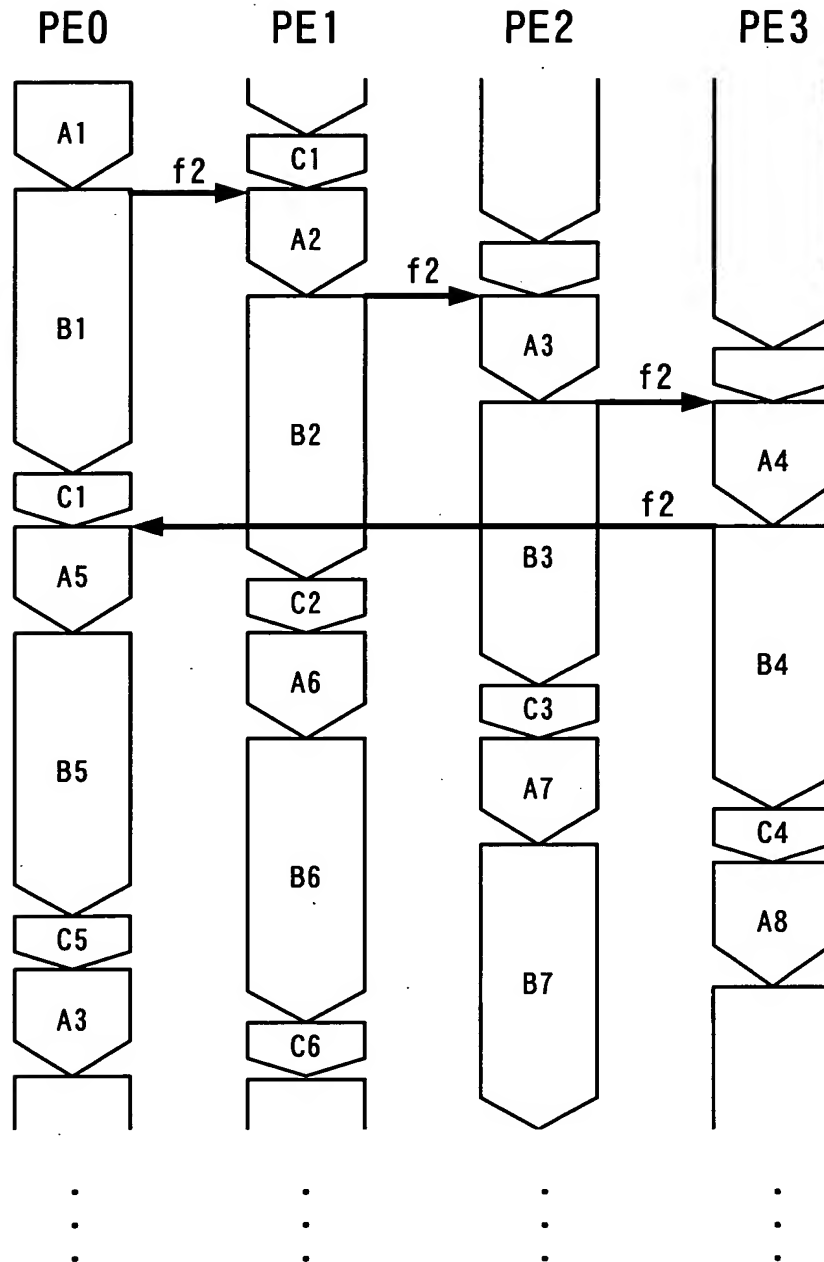
**FIG. 4**



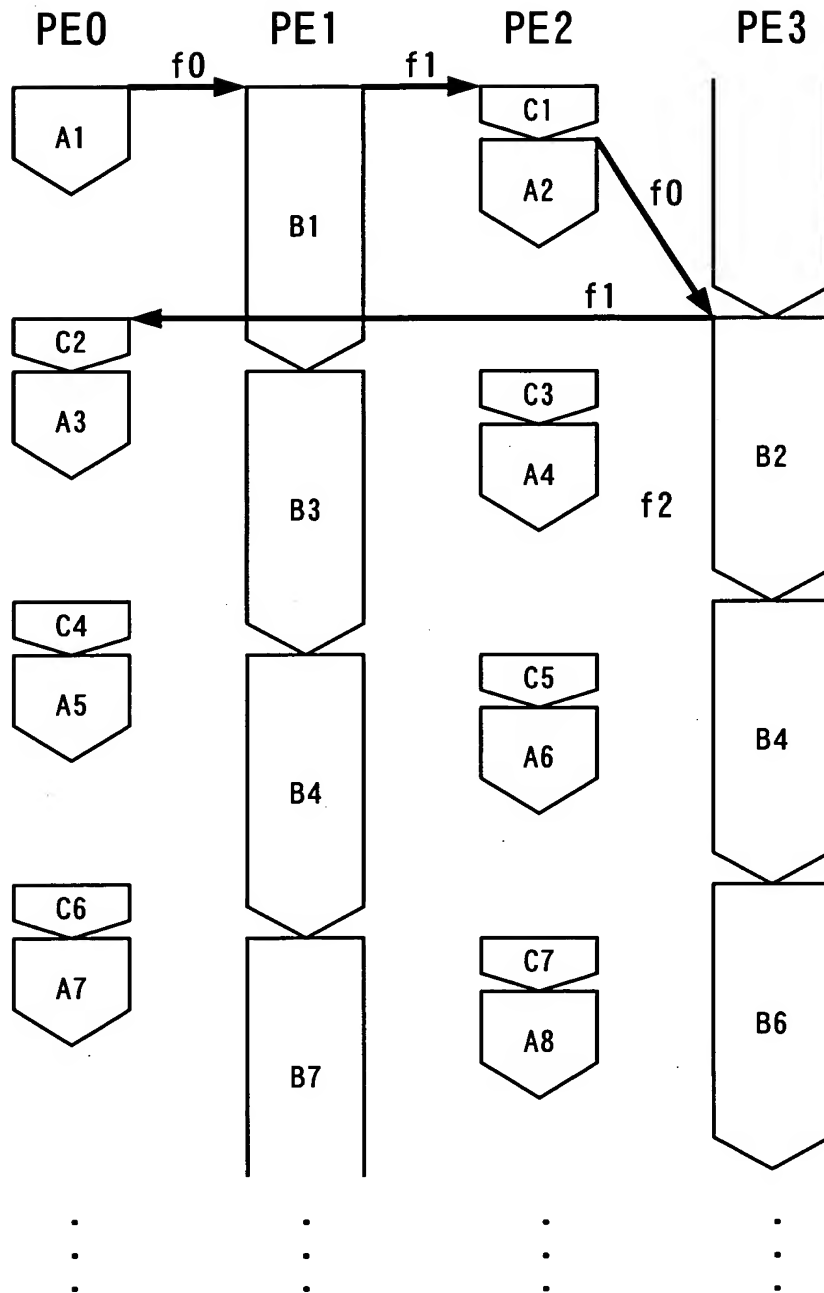
**FIG. 5**



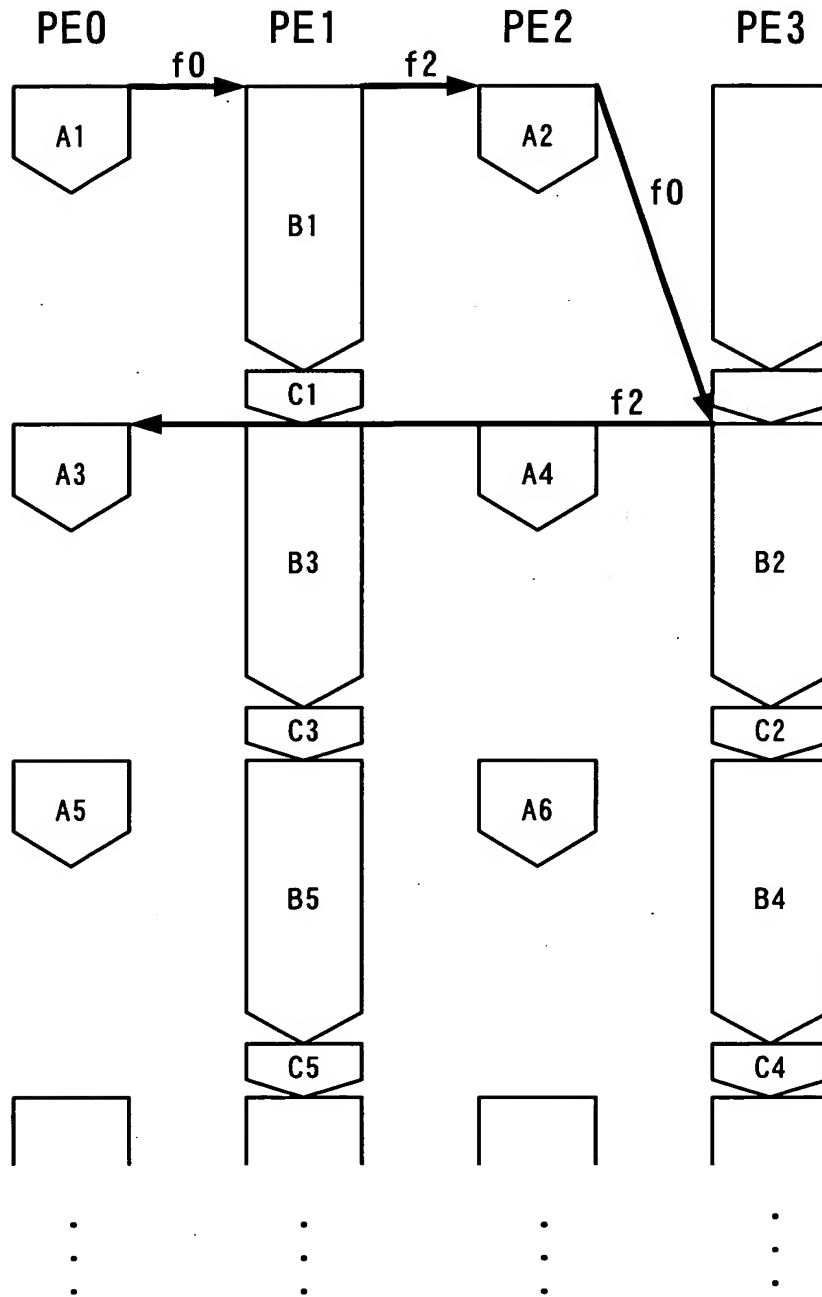
**FIG. 6**



**FIG. 7**



**FIG. 8**





## FIG. 9

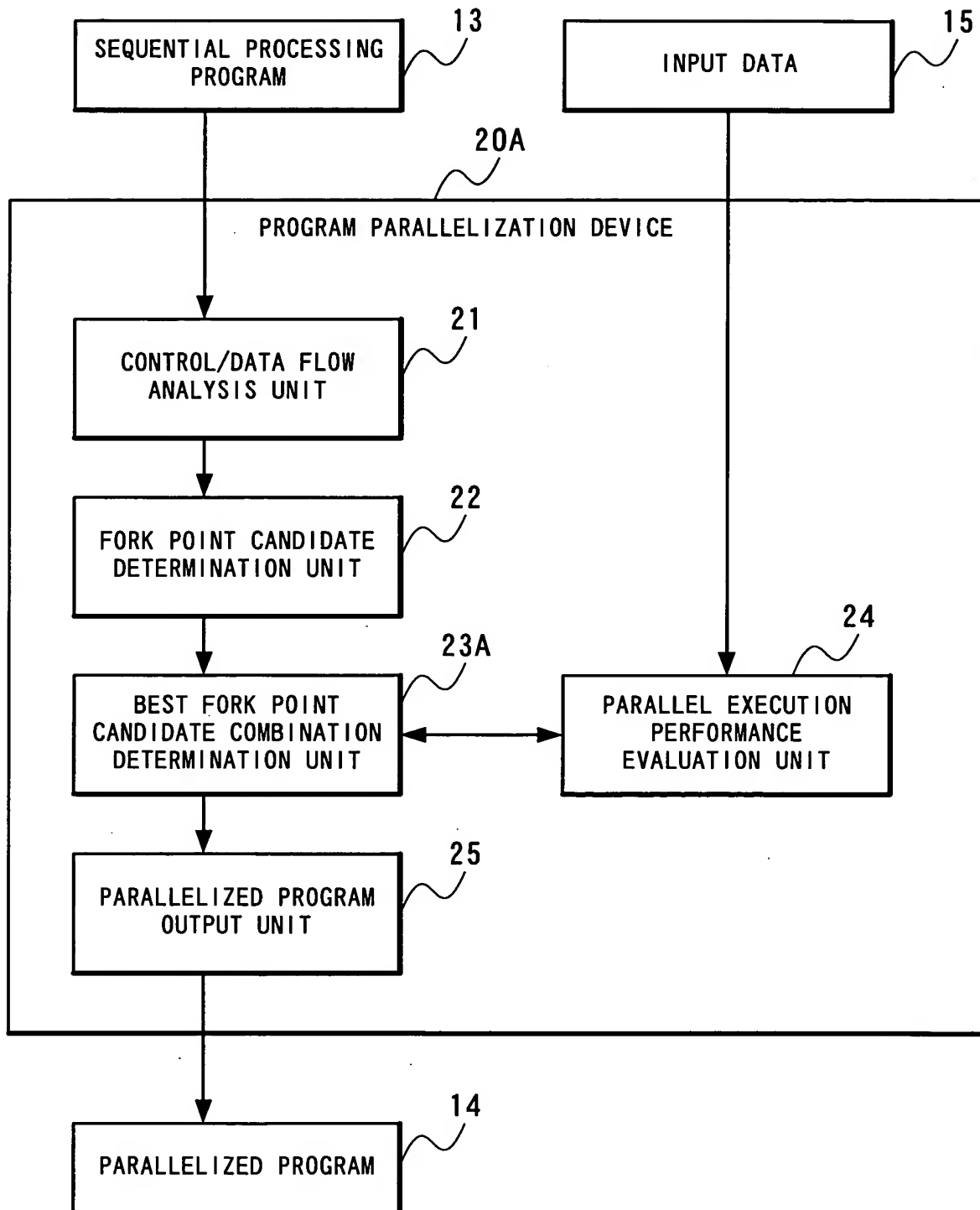
FORK POINT CANDIDATE COMBINATION	PARALLEL EXECUTION PERFORMANCE (TIMES)
$\phi$	1.0
{f0}	2.5
{f1}	2.2
{f2}	2.4
{f3}	1.8
{f0, f1}	3.0
{f0, f2}	3.2
{f0, f3}	2.4
{f1, f2}	3.8
{f1, f3}	2.8
{f2, f3}	2.0
{f0, f1, f2}	3.5
{f0, f1, f3}	2.8
{f0, f2, f3}	2.5
{f1, f2, f3}	2.6
{f0, f1, f2, f3}	2.5

**FIG. 10**

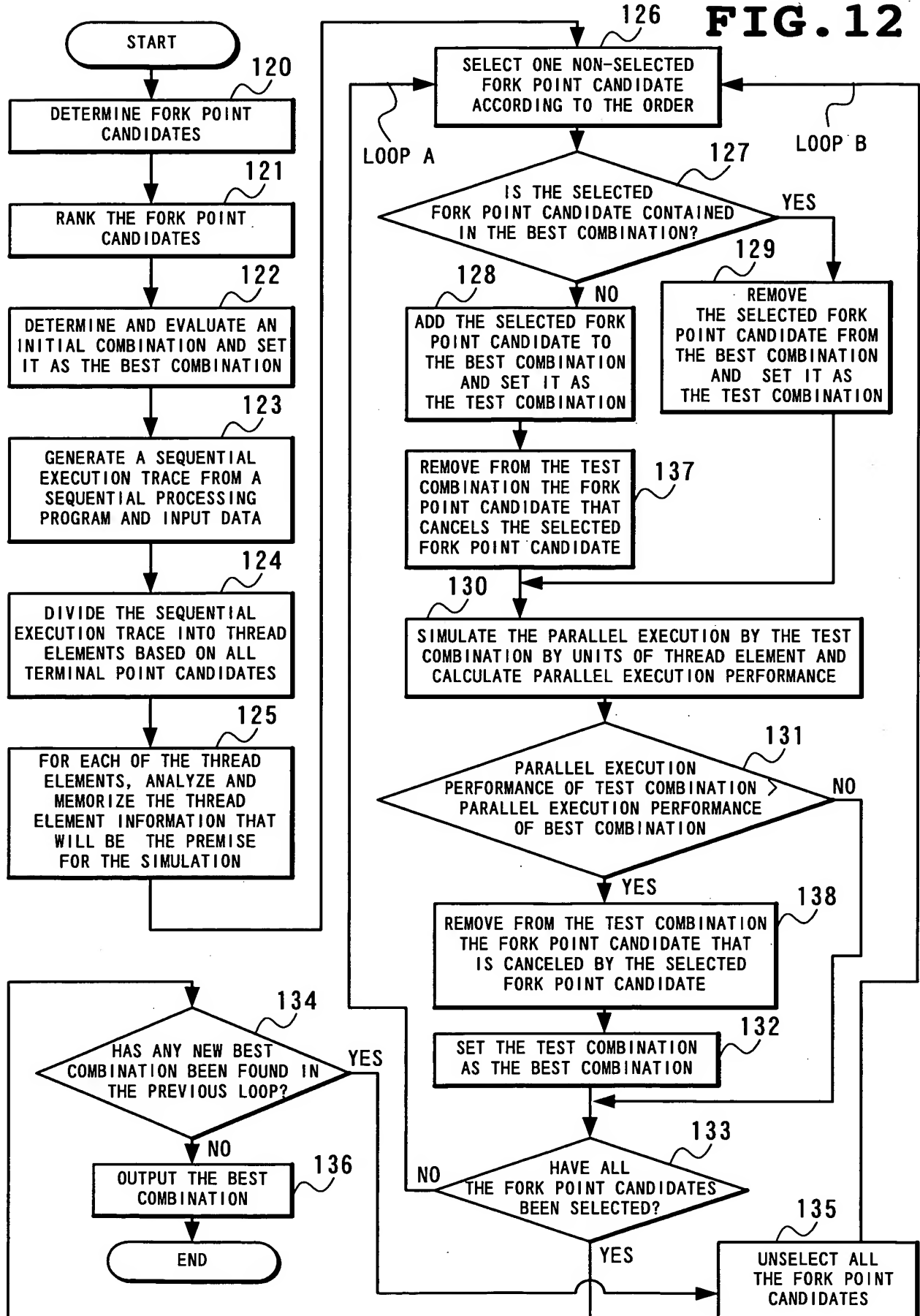
INITIAL COMBINATION: {f0, f2} (PARALLEL EXECUTION PERFORMANCE: 3.2 TIMES)

ITERATION	SELECTED FORK POINT CANDIDATE	TEST COMBINATION	PARALLEL EXECUTION PERFORMANCE	BEST COMBINATION	SELECTED FORK POINT CANDIDATE
ITERATION 1-1	f0	{f2}	2.4	{f0, f2}	f0
ITERATION 1-2	f2	{f0}	2.5	{f0, f2}	f0, f2
ITERATION 1-3	f1	{f0, f1, f2}	3.5	{f0, f1, f2}	f0, f1, f2
ITERATION 1-4	f3	{f0, f1, f2, f3}	2.5	{f0, f1, f2}	f0, f1, f2, f3
ITERATION 2-1	f0	{f1, f2}	3.8	{f0, f1, f2}	f0
ITERATION 2-2	f2	{f1}	2.2	{f1, f2}	f0, f2
ITERATION 2-3	f1	{f2}	2.4	{f1, f2}	f0, f1, f2
ITERATION 2-4	f3	{f1, f2, f3}	2.6	{f1, f2}	f0, f1, f2, f3
ITERATION 3-1	f0	{f0, f1, f2}	3.5	{f1, f2}	f0
ITERATION 3-2	f2	{f1}	2.2	{f1, f2}	f0, f2
ITERATION 3-3	f1	{f2}	2.4	{f1, f2}	f0, f1, f2
ITERATION 3-4	f3	{f1, f2, f3}	2.6	{f1, f2}	f0, f1, f2, f3

**FIG. 11**



**FIG. 12**

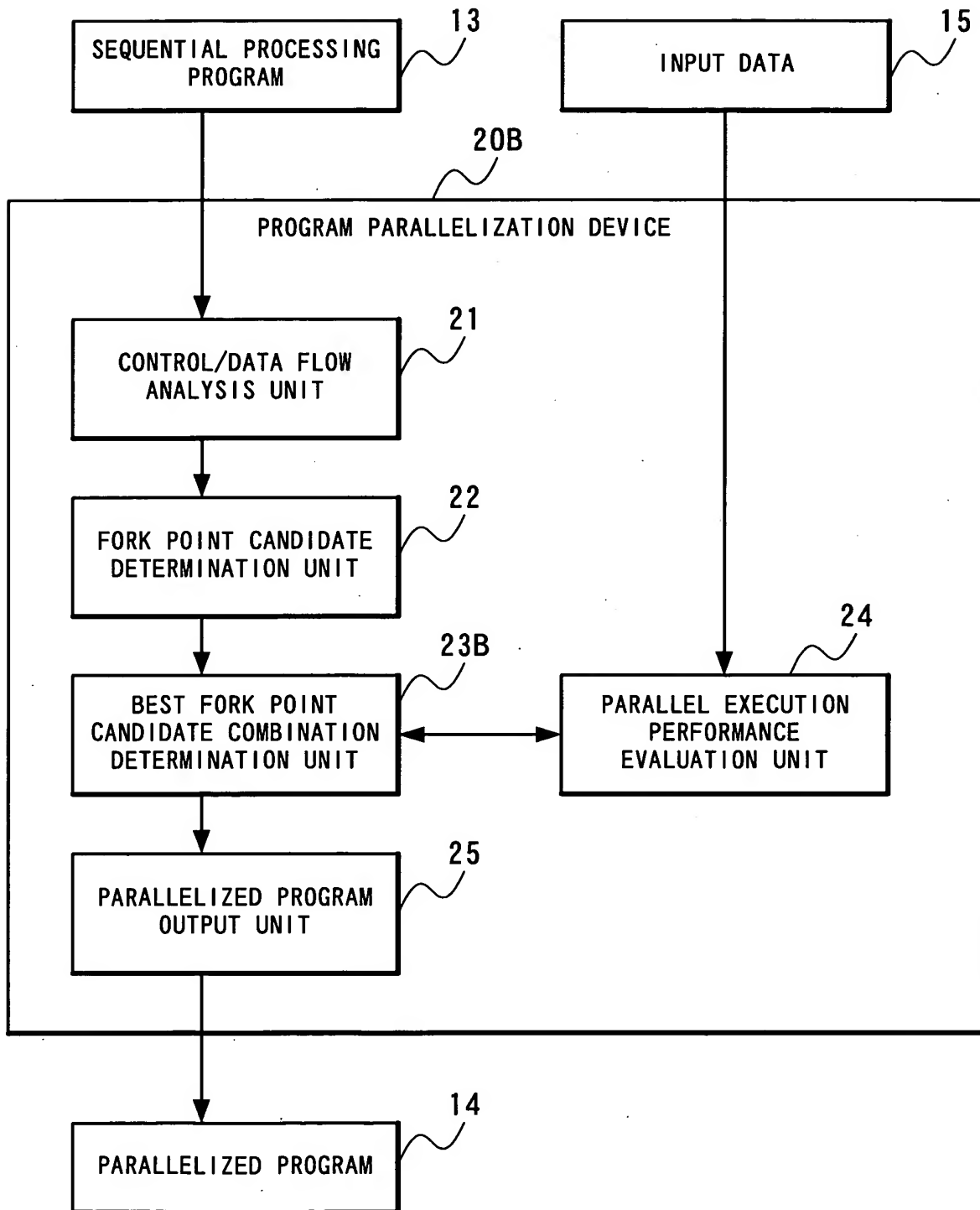


# FIG. 13

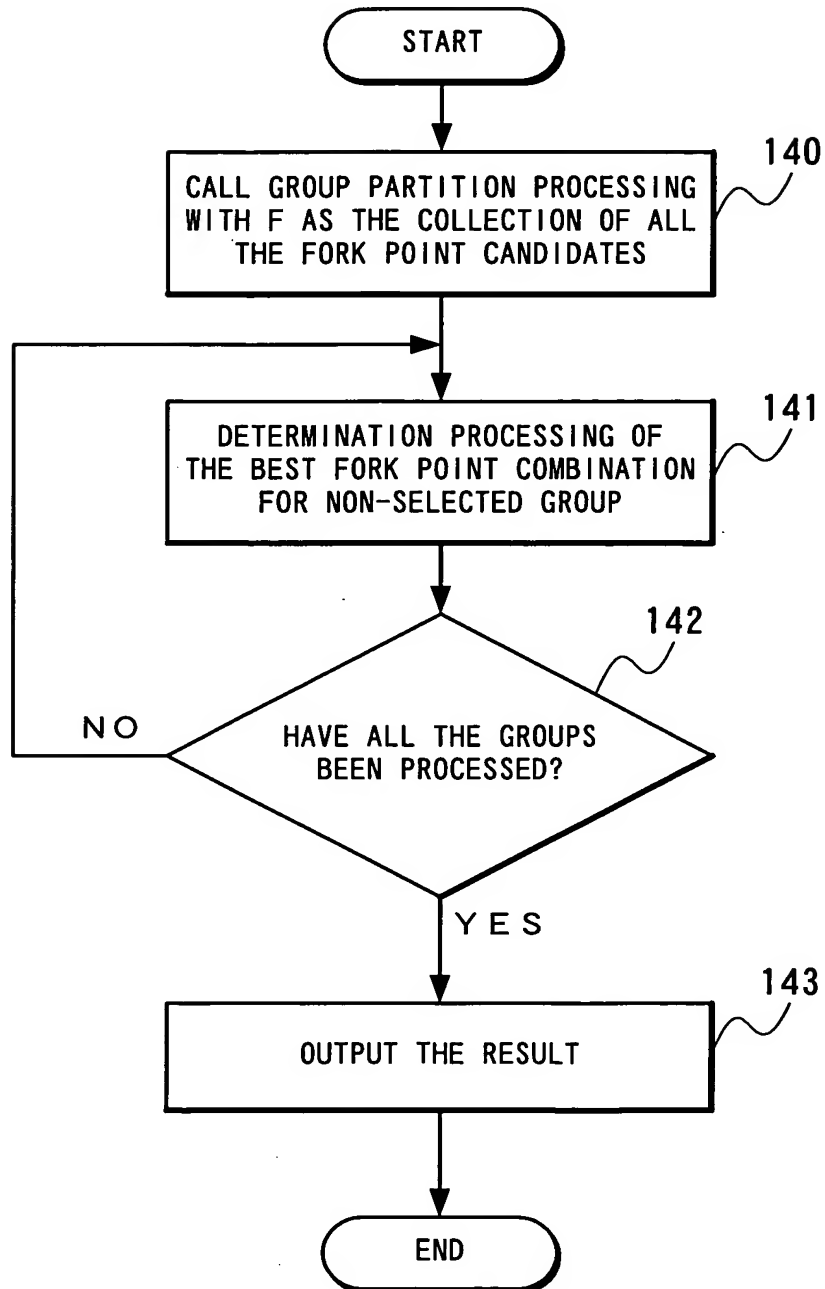
INITIAL COMBINATION: {f0, f2} (PARALLEL EXECUTION PERFORMANCE: 3.2 TIMES)

ITERATION	SELECTED FORK POINT CANDIDATE	TEST COMBINATION	PARALLEL EXECUTION PERFORMANCE	BEST COMBINATION	SELECTED FORK POINT CANDIDATE
ITERATION 1-1	f0	{f2}	2.4	{f0, f2}	f0
ITERATION 1-2	f2	{f0}	2.5	{f0, f2}	f0, f2
ITERATION 1-3	f1	{f1, f2}	3.8	{f1, f2}	f0, f1, f2
ITERATION 1-4	f3	{f1, f3}	2.8	{f1, f2}	f0, f1, f2, f3
ITERATION 2-1	f0	{f0, f1, f2}	3.5	{f1, f2}	f0
ITERATION 2-2	f2	{f1}	2.2	{f1, f2}	f0, f2
ITERATION 2-3	f1	{f2}	2.4	{f1, f2}	f0, f1, f2
ITERATION 2-4	f3	{f1, f3}	2.8	{f1, f2}	f0, f1, f2, f3

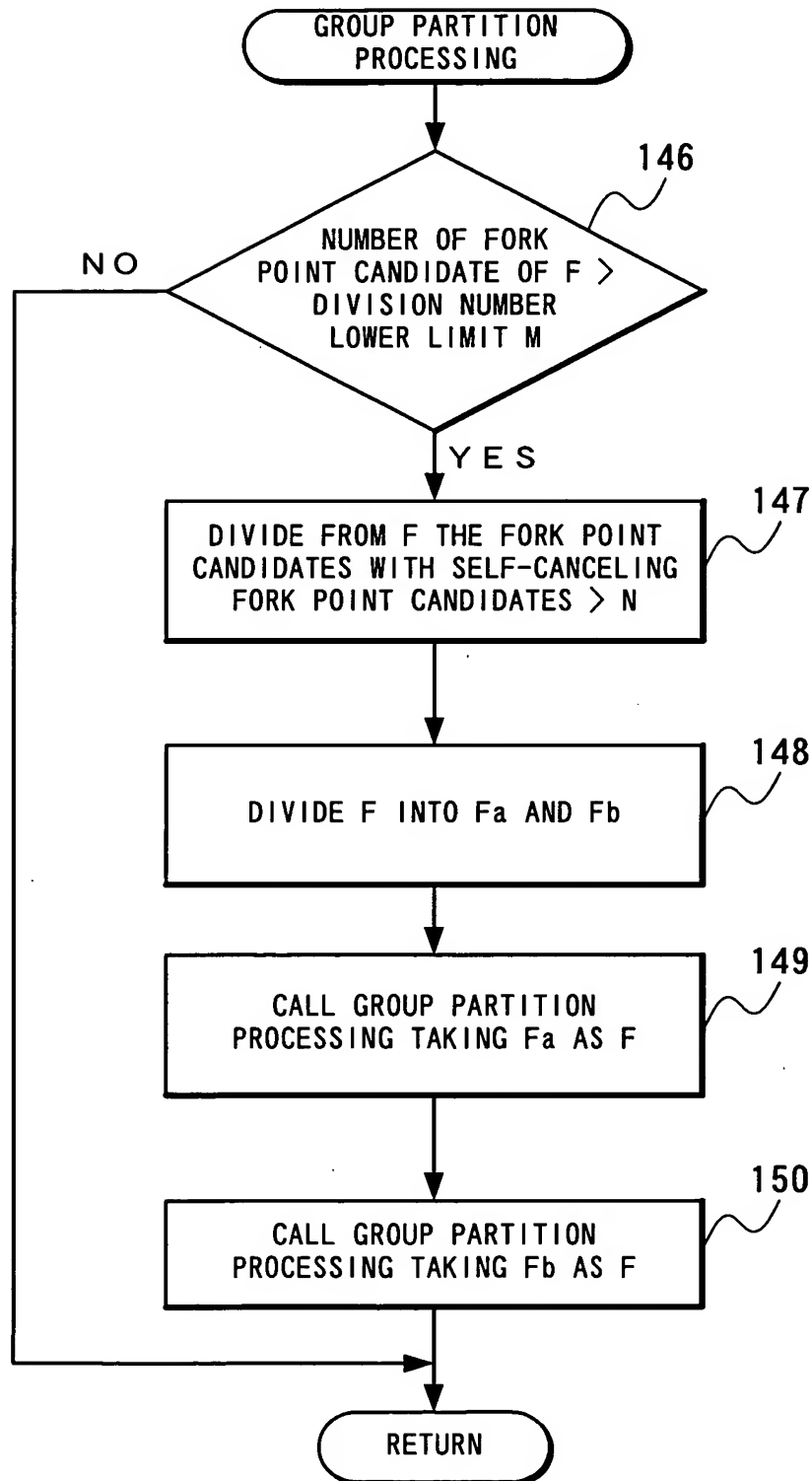
**FIG. 14**



## FIG. 15

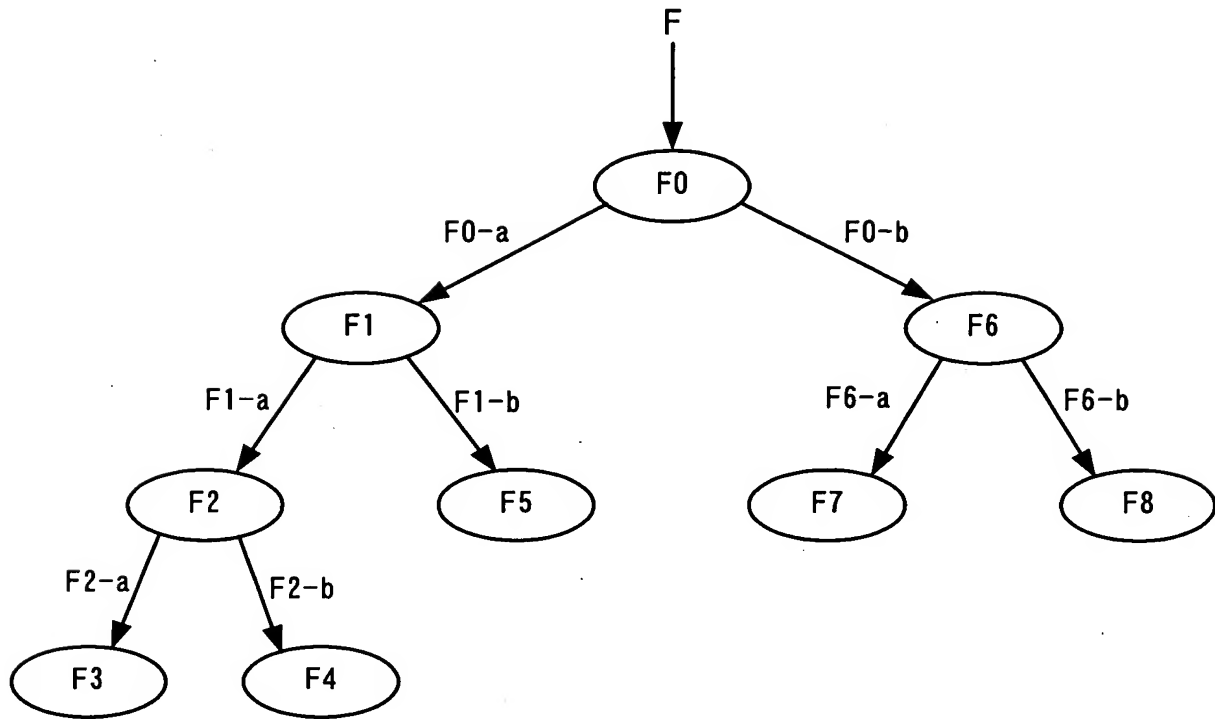


**FIG. 16**

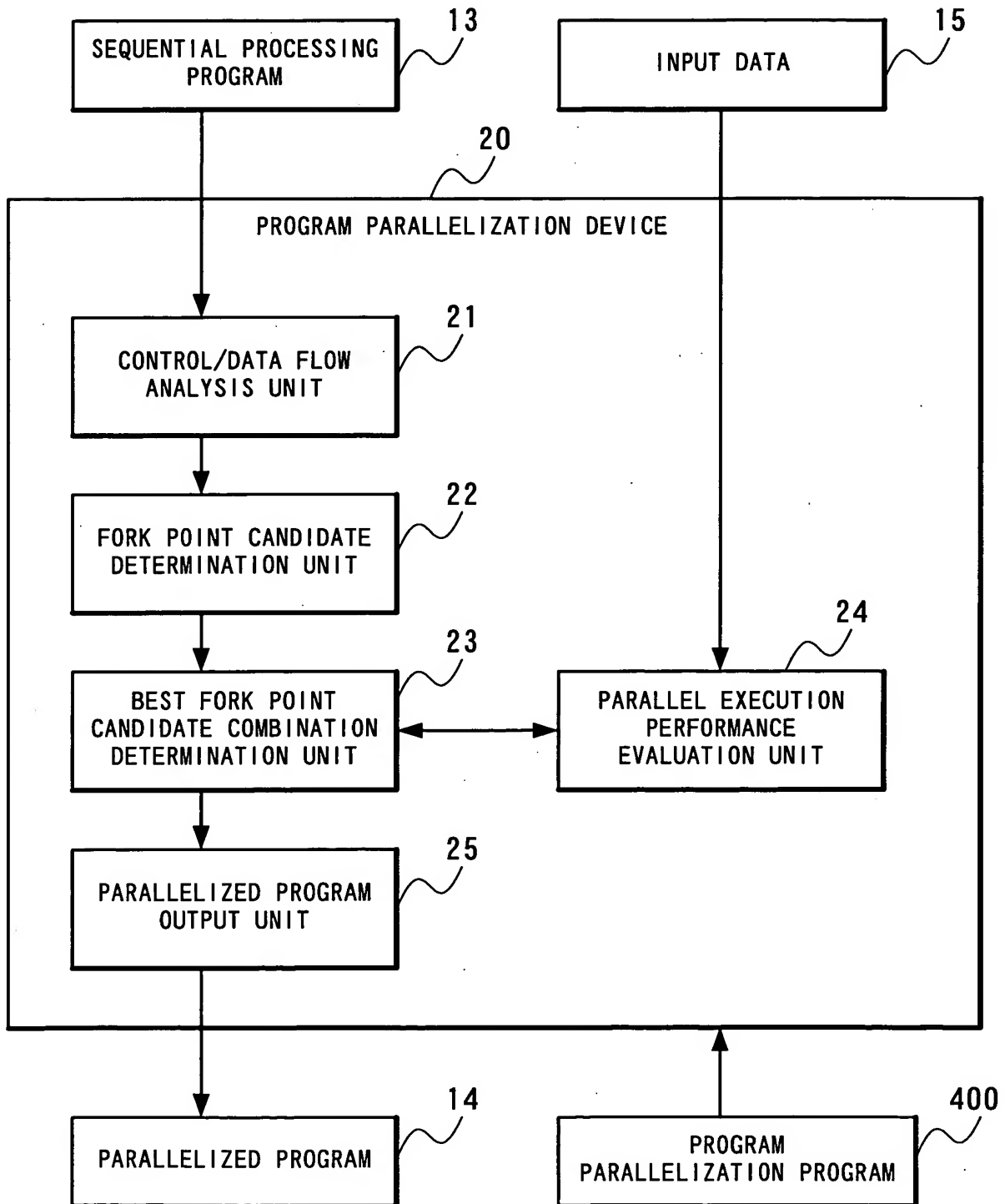




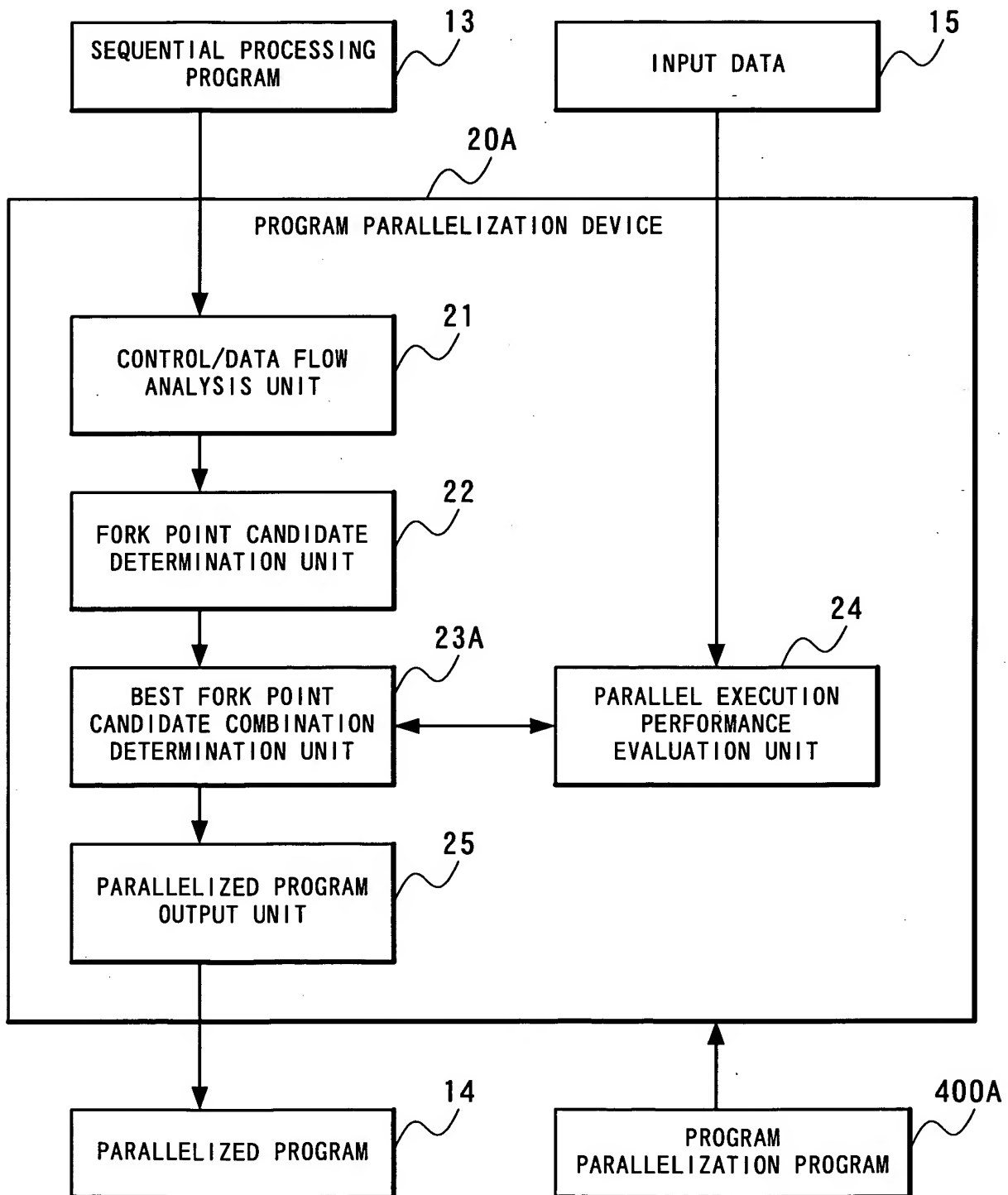
**FIG. 17**



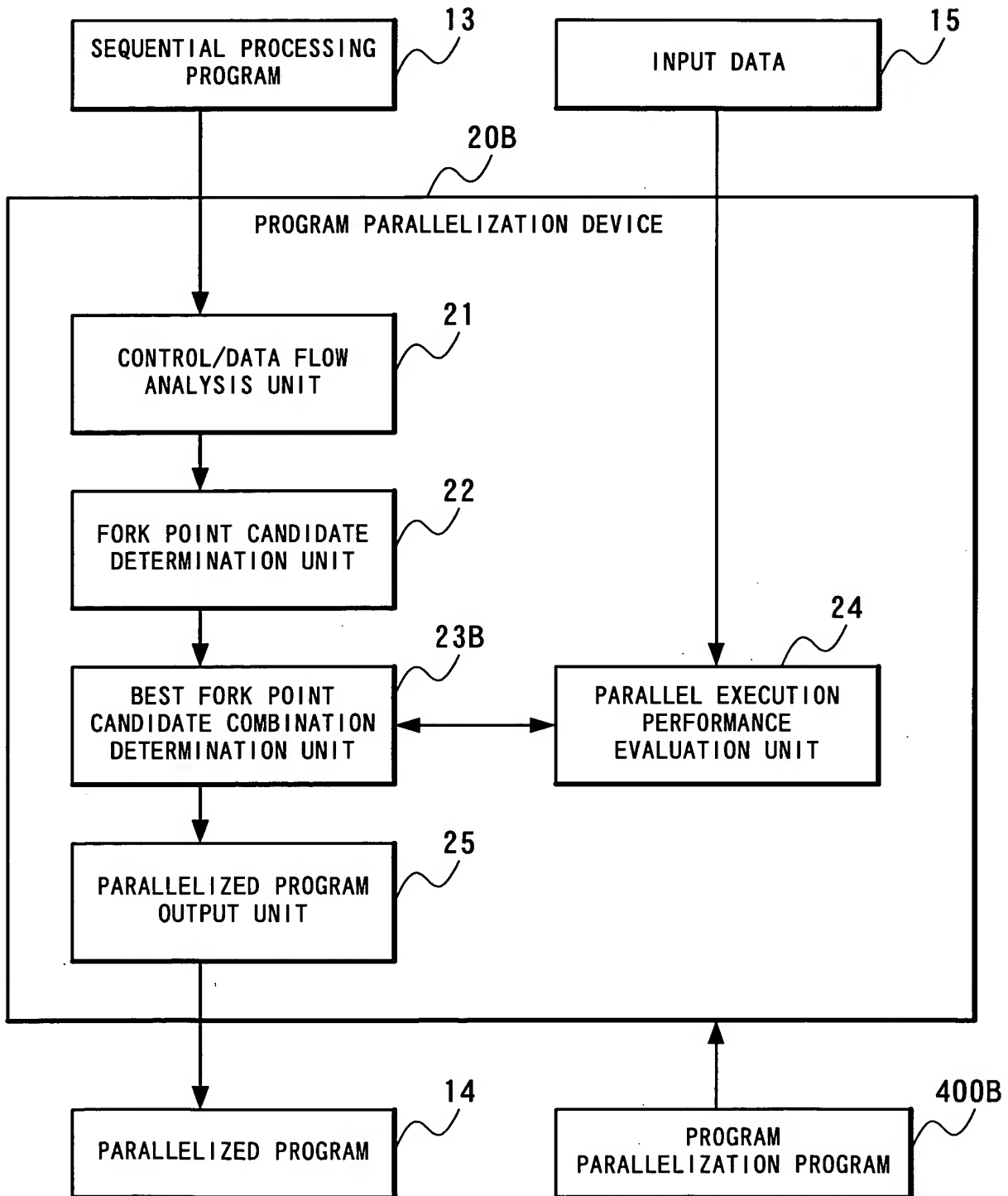
**FIG. 18**



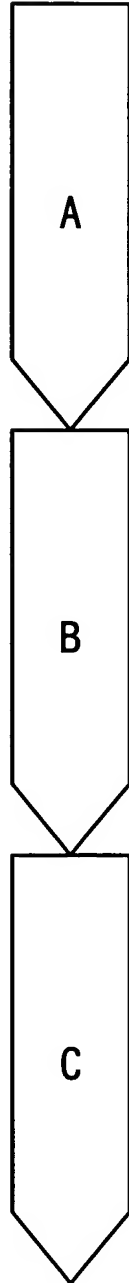
**FIG. 19**



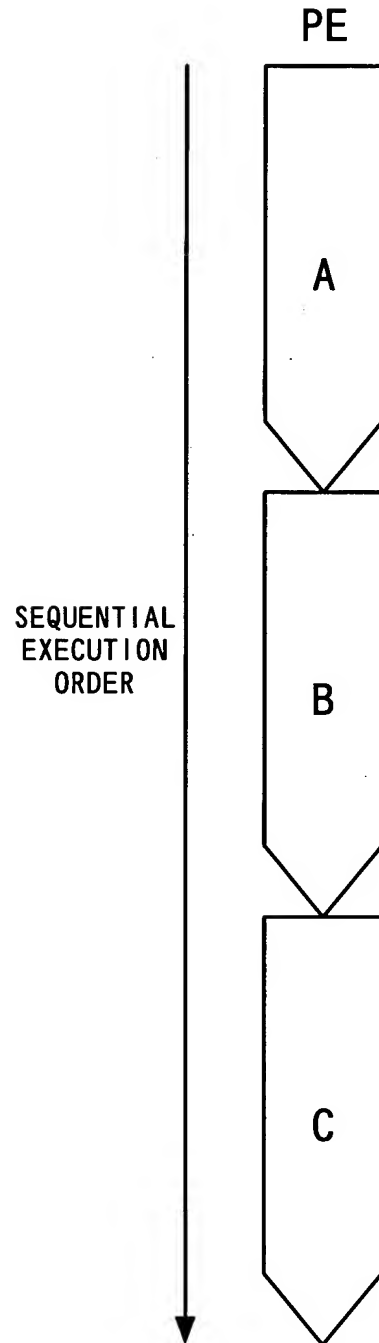
**FIG. 20**



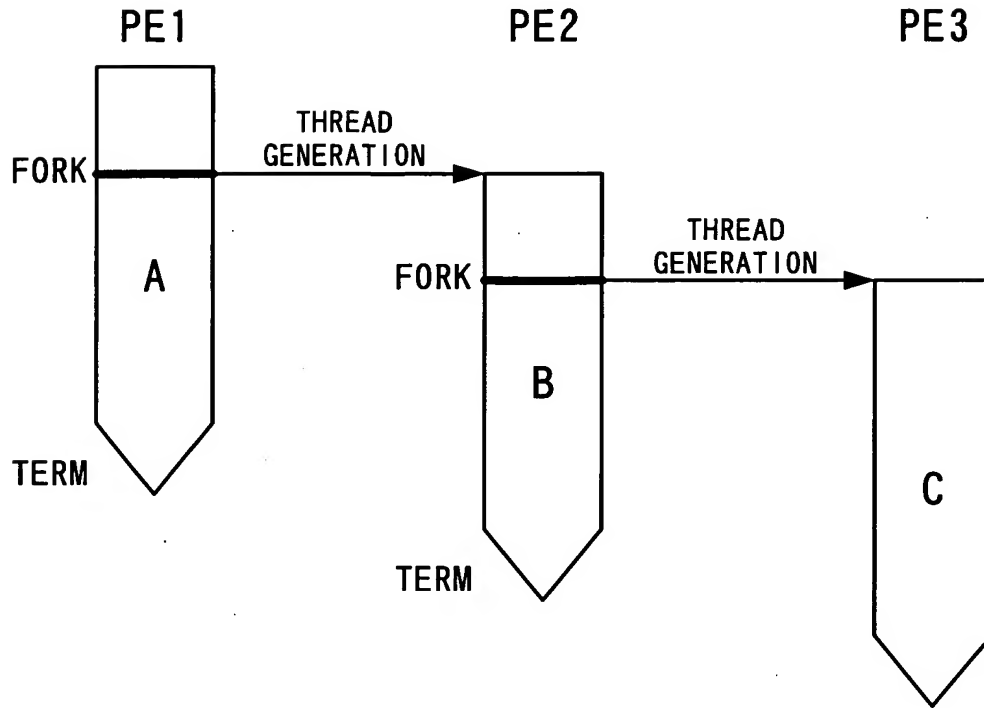
**FIG. 21** (PRIOR ART)



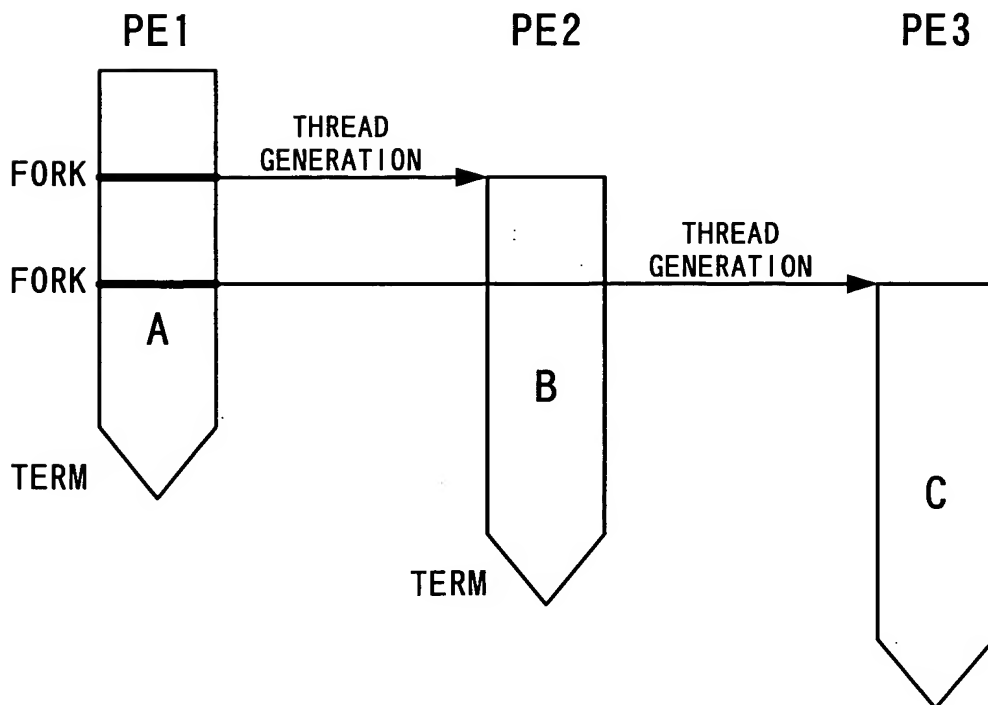
**FIG. 22** (PRIOR ART)



**FIG. 23** (PRIOR ART)



**FIG. 24** (PRIOR ART)



**FIG. 25** (PRIOR ART)

